Example 2: How does soil pH affect diversity?

**Moderator comments**

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| --- | --- | --- | --- |
| **Criterion** | **Pl** | **DCP** | **DEC** |
| Achievement level awarded |  | 5 |  |
| Achievement of aspects |  | c, c, p |  |

**Assessment**

**Data collection and processing**

**Recording data**

**Complete**

The data tables are clear and easy to read. Although it is probably not ideal to have tables that include both processed and raw data, in this example, the student’s tables are clear and do not affect interpretation.

**Processing data**

**Complete**

**Presenting processed data**

**Partial**

The student should have used a scatter plot graph, possibly with a line of best fit, to show the positive relationship between pH and biodiversity. The final table of results, comparing pH and biodiversity, should report all pH readings to the same number of decimal places.